

=====

Sequence Listing was accepted.

If you need help call the Patent Electronic Business Center at (866)
217-9197 (toll free).

Reviewer: Anne Corrigan

Timestamp: [year=2009; month=6; day=9; hr=13; min=16; sec=46; ms=728;]

=====

Application No: 10581085 Version No: 2.0

Input Set:

Output Set:

Started: 2009-06-02 13:28:25.814
Finished: 2009-06-02 13:28:26.471
Elapsed: 0 hr(s) 0 min(s) 0 sec(s) 657 ms
Total Warnings: 4
Total Errors: 0
No. of SeqIDs Defined: 7
Actual SeqID Count: 7

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)

SEQUENCE LISTING

<110> DAIKIN INDUSTRIES, LTD.

<120> Method for detecting a chemical Substance with a gene-disrupted microorganism

<130> 664582

<140> 10581085

<141> 2009-06-02

<150> JP 2003-403350

<151> 2003-12-02

<160> 7

<210> 1

<211> 1287

<212> DNA

<213> *Saccharomyces cerevisiae*

<400> 1

gcagtcaacg	aggagcgaat	cagacgccag	tctttcctcc	accaagagct	cgatctcttc	60
catattttcc	caagataatg	actattccat	tcacgatttg	ttgtacgaag	atattgaaga	120
gatggataaa	acagacgctt	tcaaaattaa	caacacaata	gcaatcgatg	attctaaagc	180
tctctttgtc	ttctgttcaa	acgactcctc	ctcaaggaca	gcgtctatcg	aaacattgca	240
cgaatcaaat	ttggacaacc	tggatatggg	ttccagtaga	aggacatcgt	tggacttttt	300
ttaatataac	ctaccatagg	acacactttg	ttgttgatgt	tggacaattc	gttaattaag	360
agtccctaaa	cggctctact	agttccaacc	tcactttggt	ttttcatttt	tttatgtttt	420
ttctagaacc	ttctttacgt	gattctcgct	cggaatccgt	caatagaatg	ttttcagtct	480
ccgtttcaat	attctgcgca	catcaatcat	tttcttacta	catacactaa	cattactcct	540
agtttaattt	aattgaattt	ttaactttct	tttcttttca	tttggcaatt	tggctccttg	600
aaaacaagac	tatgggtctc	tctcataagc	ctcagggggg	gaccccaaaa	aaataacgcg	660
gccatcttgc	atgcaccgtt	gaacctgtag	cttacagtaa	gccacaattc	tcttaccttc	720
ttggcaatgt	ggcacaaaat	aatctgggta	tgtgtcttca	tttggtaatc	actgggatgt	780
tactggggca	gcagcaactc	cgtgtgtacc	cctaactccg	tgtgtacccc	taaagaacct	840
tgcctgtcaa	ggtgcattgt	tggatcgga	tagtaaccgt	ctttacatga	acatccacaa	900
ccaacgaaag	tgttttttca	agcattgctt	gatttctaga	aagatcgatg	gttattccct	960
cccccttatg	cgtccaaaaa	tataggggtgc	tcgtaacagt	aaggatttcg	cacttagcgt	1020
gctcgcaaca	caaaattaag	taatatgcga	gttttagatg	tccttgcgga	tctatgcacg	1080
ttcttgagtg	gtatttcata	acaacgggttc	tttttcaccc	ttattcctaa	acataataat	1140
aggacctcca	ttagttagag	atctgttttt	aatccattca	cctttcattc	tactctctta	1200
tactaataaa	accaccgata	aagatatatc	agatctctat	taaaacaggt	atccaaaaaa	1260
gcaaacaac	aaactaaaca	aattaac				1287

<210> 2

<211> 23

<212> DNA

<213> Artificial Sequence

<220>

<223> Synthesized

<400> 2

gcagtcaacg aggagcgaat cag

<210> 3
 <211>22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized

<400> 3
 gttaatttgt ttagtttgtt tg 22

<210> 4
 <211> 720
 <212> DNA
 <213> Aequorea victoria

<400> 4
 atggctagca aaggagaaga actcttcact ggagttgtcc caattcttgt tgaattagat 60
 ggtgatgta acggccacaa gttctctgtc agtggagagg gtgaagggtga tgcaacatac 120
 ggaaaactta ccttgaagtt catctgcact actggcaaac tgcctgttcc atggccaaca 180
 ctagtacta ctctgtgcta tgggtgttcaa tgcttttcaa gataccgga tcatatgaaa 240
 cggcatgact ttttcaagag tgccatgccc gaaggttatg tacaggaaag gaccatcttc 300
 ttcaaagatg acggcaacta caagacacgt gctgaagtca agtttgaagg tgataccctt 360
 gttaatagaa tcgagttaaa aggtattgac ttcaagggaag atggcaacat tctgggacac 420
 aaattggaat acaactataa ctacacacaa gtatacatca tggcagacaa acaaaagaat 480
 ggaatcaaag tgaacttcaa gacccgccac aacattgaag atggaagcgt tcaactagca 540
 gaccattatc aacaaaatac tccaattggc gatggccctg tccttttacc agacaaccat 600
 tacctgtcca cacaatctgc cttttcgaaa gatcccaacg aaaagagaga ccacatggtc 660
 cttcttgagt ttgtaacagc tgctgggatt acacatggca tggatgaact gtacaactga 720

<210>5
 <211> 1466
 <212> DNA
 <213> Saccharomyces cerevisiae

<400> 5
 acgccccttc ctttttcctt ttccttgggtg tttgctatta ataaataatg tgcggagctc 60
 aatcgtcata cggttcacgcc aggtcccgga atcagagtac caatgcatgg gtacttattc 120
 tcaaaatgct cttgccactc atccagtgcg tcaatctgtt cttttgtcag atcatctaag 180
 ggatcgatag gctgatccca atctttaata acgtccagat cgaaggagtt caatgcaaga 240
 ccacgcgacg catcatggcc tgcaaagtta gtgtatggcc cgcttggacc gtaaaactgc 300
 ctccctcttg tgcagtcgta tactttgccc ctaatagcaa taaatatttt ttcacgtcgc 360
 tggccggttaa atttggaag cgctcctagga aagaaattac ccgctactac cggttcacta 420
 cctttattag aatcgtttgt gtttgaggcc ccgttacctg tgagcccggt tggatcctca 480
 cttgttttaa caccaccaaa taacaagttt ttaatgaagg acatttggtc tctataatat 540
 tccgatgtac gtgtgtgtgg ctgatgagat ttagactggg tagactattt gacgcgtcta 600
 ttatagctta ctgcaacaag aaaatgatcg ttgatataa aactctcaga tgtatatatc 660
 gttctggaaa catcgagcat aatacaatac aattcaacaa aaatgcgaga aggcactgat 720
 gtcttgtcgt taaagaacca aaaacgcgga cactacgacc gtcttatttc cggtagaaaa 780
 agggtagata cagttgaagg aacgaagaaa attaaaatta gaaaaaaaag taaaataaaa 840
 caaggaaggt agggtaatat ggtctcgttt cttttgtcgc tccgcaaata aaggagctta 900
 ttccgcgacg ctacatgggt aatttgcgcc aaatcacgga tgtggaaaac tgatcacgtg 960
 cttcgatcgc caactactga gcgtcgctcc acactgatct ggcacagctt acctcgctt 1020
 gaaaatttta atctgtcctg ctcgtttgtt gtatattgct tcttctcaga atatgcccgc 1080
 gataactgac aaagagggtt cgacgtttca gagattctac tcttgaccac tgtttcgtgt 1140

agccgctcaa	ggtttatttc	tttcttcttt	aatgttcttg	gcacttaggc	ggctccgtcc	1200
tccgtctgaa	attgccgatc	ctattatttg	cggagggttc	cttagaaggg	ctccttagta	1260
agcagtttgc	gttcctgata	taactccgtt	cagaacaagg	ataaagtcgc	aataaccatt	1320
actaagcaca	gtggtgtaag	taggacaact	cgaacctata	taagggttgt	gaactgtgct	1380
tgattcttgc	ccatcatatg	caaaaaagta	cgtacttgat	atatacaaca	actgtagttc	1440
agtatagcga	agtttaaatt	tagaag				1466

<210> 6
 <211> 23
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized

<400> 6	
acgccccttc	ctttttccct ttc
	23

<210> 7
 <211> 22
 <212> DNA
 <213> Artificial Sequence
 <220>
 <223> Synthesized

<400> 7	
cttctaaatt	taaacttcgc ta
	22